

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Amended) A heart treatment equipment comprising:
a right ventricle pulse generator for supplying a heart stimulation pulse to a first heart stimulating electrode provided in a right ventricle of the heart;
a left ventricle pulse generator for supplying a heart stimulation pulse to a second heart stimulating electrode provided in a left ventricle of the heart; and
a controller for selecting one of or both of said right ventricle pulse generator and said left ventricle pulse generator, and
a nerve stimulator for supplying a nerve stimulation pulse to a nerve stimulation electrode which stimulates a vagus nerve,
wherein said controller selects both of said right ventricle pulse generator and said left ventricle pulse generator ~~when a heart rate exceeds a predetermined value~~
by detection of the stimulation to the vagus nerve, and the selection of both the ventricle pulse generators is performed by a predetermined number of times of the heart stimulations after said nerve stimulation.

2. (Amended) A heart treatment equipment according to claim 1 ~~further comprising a nerve stimulator for supplying a nerve stimulation pulse to a nerve stimulation electrode which stimulates a vagus nerve,~~ wherein said nerve stimulator

generates a nerve stimulation pulse when a heart rate exceeds a predetermined value.

3. (Amended) A heart treatment equipment comprising:

a right ventricle pulse generator for supplying a heart stimulation pulse to a first heart stimulating electrode provided in a right ventricle of the heart;

a left ventricle pulse generator for supplying a heart stimulation pulse to a second heart stimulating electrode provided in a left ventricle of the heart;

a nerve stimulator for supplying a nerve stimulating pulse ~~for stimulating a vagus nerve~~ to a nerve stimulating electrode which stimulates a vagus nerve; and

a controller for selecting one of or both of said right ventricle pulse generator and said left ventricle pulse generator,

wherein said controller selects both of said right ventricle pulse generator and said left ventricle pulse generator ~~in response to a timing when said nerve stimulator generates a nerve stimulating pulse~~ by detection of the stimulation to the vagus nerve, and the selection of both the ventricle pulse generators is performed for a predetermined time after nerve stimulation.

4. (Original) A heart treatment equipment according to claim 3, wherein the equipment further comprises an atrium event detector for detecting a spontaneous contraction of an atrium and atrioventricular delay time measuring portion responsive to said atrium event detector for measuring time after detecting the spontaneous contraction of the atrium.

5. (Original) A heart treatment equipment according to claim 4, wherein a ventricle stimulation is performed when one of said right ventricle pulse generator and said left ventricle pulse generator is selected and said atrioventricular delay time measuring portion is at a first atrioventricular delay time; and a ventricle stimulation is performed when both of said right ventricle pulse generator and said left ventricle pulse generator are selected and said atrioventricular delay time measuring portion is at a second atrioventricular delay time.

6. (Original) A heart treatment equipment according to claim 5, wherein said second atrioventricular delay time is shorter than said first atrioventricular delay time.

7. (Cancelled)

8. (Cancelled)

9. (Original) A heart treatment equipment according to claim 3, wherein the stimulations by said right ventricle pulse generator and said left ventricle pulse generator are performed at the same time for the ventricle stimulation where both of said right ventricle pulse generator and said left ventricle pulse generator are selected.

10. (Original) A heart treatment equipment according to claim 3, wherein said left ventricle pulse generator is operated for the ventricle stimulation

subsequently to the operation of said right ventricle pulse generator after a predetermined time where both of said right ventricle pulse generator and said left ventricle pulse generator are selected.

11. (Original) A heart treatment equipment according to claim 3, wherein said right ventricle pulse generator is operated for the ventricle stimulation subsequently to the operation of said left ventricle pulse generator after a predetermined time where both of said right ventricle pulse generator and said left ventricle pulse generator are selected.

12. - 16. (Cancelled)